JC10 Rec'd PCT/PTO 3 1 MAY 2005

PTO-1390 (Rev. 02-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/FLECTED OFFICE (DO/FO/US)

ATTORNEY'S DOCKET NUMBER

| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | U.S. PHICATION IS . 7f Moving 63: 37 CFR 1.5) | | | | | |
|--|---|--|--|--|--|--|
| PCT/SG2002/000283 INTERNATIONAL FILING DATE 29 November 2002 | PRIORITY DATE CLAIMED | | | | | |
| TITLE OF INVENTION Current-Controlled Oscillator | | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | |
| | | | | | | |
| Control of the Process of the Proces | | | | | | |
| This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | |
| 4. X The US has been elected (Article 31). | The US has been elected (Article 31). | | | | | |
| 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | |
| a. is attached hereto (required only if not communicated by the Internation | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | |
| b. X has been communicated by the International Bureau. | ren | | | | | |
| c. is not required, as the application was filed in the United States Receiv | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | |
| 6. An English language translation of the International Application as filed (35 U.S.6 | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | |
| a. is attached hereto. | | | | | | |
| b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | |
| 7. Amendments to the claims of the International Application under PCT Article 19 | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | |
| a. are attached hereto (required only if not communicated by the Interna | | | | | | |
| b. have been communicated by the International Bureau. | [···] | | | | | |
| c. have not been made; however, the time limit for making such amendr | ments has NOT expired. | | | | | |
| d. have not been made and will not be made. | | | | | | |
| 8. An English language translation of the amendments to the claims under PCT A | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | |
| 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | |
| 10. An English language translation of the annexes of the International Preliminary English Article 36 (35 U.S.C. 371(c)(5)). | Examination Report under PCT | | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | | |
| 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. An assignment document for recording. A separate cover sheet in compliance w | vith 37 CFR 3.28 and 3.31 is included. | | | | | |
| 13. X A preliminary amendment. | | | | | | |
| 14. An Application Data Sheet under 37 CFR 1.76. | | | | | | |
| 15. A substitute specification. | | | | | | |
| 16. A power of attorney and/or change of address letter. | | | | | | |
| 17. A computer-readable form of the sequence listing in accordance with PCT Rule | 13ter.2 and 37 CFR 1.821- 1.825. | | | | | |
| | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | |
| 19. A second copy of the English language translation of the international applicatio | on under 35 U.S.C. 154(d)(4). | | | | | |
| 20. Other items or information: | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradermark Office, U.S. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 2

Page 1 of 2

JC20 Rec'd PCT/PT0 31 MAY 2005 (Rev. 02-2005)

Approved for use through 3/31/2007 OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICAT | ION NO (if knows | n, see 37 CFR 1.5) | INTERNATIONAL AP PCT/SG2002/ | PLICATION NO. | ATTORNEY'S DOCKET NUMBER 1890-0246 | | | |
|--|---|------------------------|-------------------------------|-------------------|------------------------------------|--|--|--|
| The following fees have been submitted | | | CALCULATIONS | DTO LICE ONLY | | | | |
| | = | | | \$300 | \$ 300.00 | PTO USE ONLY | | |
| 22. X Examination fee | | | 300.00 | | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of | | | 200.00 | | | | | |
| PCT Article 33(1)-(4) | | | \$ | | | | | |
| | | | | | | | | |
| Search fee (37 C | 23. LX Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an | | | 400.00 | 1 | | | |
| International Searching Authority | | | | | | | | |
| All other situations | | | \$ | | | | | |
| | TOTAL OF 21, 22 and 23 = | | | \$ 900.00 | <u> </u> | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding | | | | | | | | |
| The fee is \$ | sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | |
| Total Sheets | Extra Sheets | Number of each | additional 50 or fraction | RATE | | 1 | | |
| | | | to a whole number) | IVIL | | | | |
| - 100 = | /50 = | : | | x \$250 | \$ | | | |
| Surcharge of \$13 | 30.00 for furnishin | g the oath or declara | ation later than 30 months fr | | 6 | | | |
| claimed priority d | claimed priority date (37 CFR 1.492(h)). | | | | \$ | | | |
| CLAIMS | NUME | BER FILED | NUMBER EXTRA | RATE | \$ | | | |
| Total claims | | 20 - 20 = | 0 | × \$ 50 | \$ | | | |
| Independent clair | | 2 - 3 = | O | × \$200 | \$ | | | |
| MULTIPLE DEPI | ENDENT CLAIM | S) (if applicable) | | + \$360 | \$ | | | |
| | | | TOTAL OF ABOVE | | \$ 900.00 | | | |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. | | | | | | | | |
| SUBTOTAL = | | | | \$ 900.00 | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | \$ | | | | | |
| | TOTAL NATIONAL FEE = | | | \$ 900.00 | | | | |
| Fee for recording | the enclosed ass | signment (37 CFR 1 | .21(h)). The assignment mu | st be accompanied | s 40.00 | | | |
| by an appropriate | e cover sheet (37 | CFR 3.28, 3.31). \$4 | 0.00 per property | + | | | | |
| | | | TOTAL F | EES ENCLOSED = | \$940.00 | | | |
| | | | | | Amount to be refunded: | \$ | | |
| | | | | | Amount to be charged: | s | | |
| x | [X] 940 00 | | | | | <u> </u> | | |
| a. A chec | a. X A check in the amount of \$ 940.00 to cover the above fees is enclosed. | | | | | | | |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-0012 A duplicate copy of this sheet is enclosed. | | | | | | | | |
| | | | | | | | | |
| be incl | d. La Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | 1252 | _ | | | |
| | d C. Moor | | | SIGNATURE | <u> </u> | | | |
| | ot, Moore | e & Beck Circle, Su | 11to 3000 | - | C. Moore | | | |
| | | | | | | | | |
| 1 | Indianapolis, IN 46204 NAME 37, | | | | 892 | | | |
| L | | | | REGISTRATI | ON NUMBER | | | |

1/537029 JC20 Rec d PCT/PTO 31 MAY 2005 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title:

CURRENT-CONTROLLED OSCILLATOR

International Application no: PCT/SG2002/000283

International Filing Date:

29 November 2002

Docket No.

1890-0246

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

| "Express Mail" Mailing Label Number <u>EV390947283US</u> |
|---|
| Date of Deposit May 31, 2005 |
| I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" Service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |
| Harold C. Moore |
| (Typed or Printed Name of Person Mailing Paper or Fee) |
| - Hen |
| (Signature of Person Mailing Paper or Fee) |
| May 31, 2005 |
| (Date of Signature) |

PATENT COOPERATION TREATY IN THE UNITED STATES RECEIVING OFFICE

Applicant:

Infineon Technologies AG

Title:

Current-Controlled Oscillator PCT/SG2002/000283

International Application No.: International Filing Date:

29 November 2002

Docket No.:

1890-0246

REQUEST FOR SUBSTANTIVE EXAMINATION

Applicant hereby requests Substantive Examination from the United States

Patent and Trademark Office.

The undersigned is an authorized agent for the applicant.

Respectfully Submitted,

Harold C. Moore

Registration No. 37,892

Maginot, Moore & Beck

Bank One Center/Tower

111 Monument Circle, Suite 3000

Indianapolis, Indiana 46204-5115

(317) 638-2922